

DYNAMIC CARDIAC PHANTOM AND METHOD OF SIMULATING CARDIAC MOTION

Abstract of Disclosure

An apparatus and method for simulating cardiac motion for use with an imaging system are provided. The apparatus includes an expandable balloon-like member having a number of protrusions fluidly connected thereto. Fluid is circulated between the pump and a fluid reservoir by a pump which is controlled by a programmable controller. Imaging data is acquired during circulation of the fluid between the reservoir and the phantom and subsequently analyzed to determine the effectacy and efficiency of the imaging protocol.

Figures